

Steven J Czinn M.D.

Academic Title: Professor

Primary Appointment: Pediatrics

Administrative Title: Chair

sczinn@peds.umaryland.edu

Location: UMMC, N5E17

Phone: (410) 328-6777

Personal History

EDUCATION

1979: M.D., Case Western Reserve University School of Medicine, Cleveland, Ohio

1975: B.S. (Magna Cum Laude) Case Western Reserve University, Cleveland, Ohio

POST GRADUATE EDUCATION & TRAINING

1982-1985: Fellowship, Pediatric Gastroenterology, Rainbow Babies & Children's Hospital, Case Western Reserve University School of Medicine, Department of Pediatrics, Cleveland, Ohio

1980-1982: Residency, Rainbow Babies & Children's Hospital, Case Western Reserve University School of Medicine, Department of Pediatrics, Cleveland, Ohio

1979-1980: Internship, Rainbow Babies & Children's Hospital, Case Western Reserve University School of Medicine, Department of Pediatrics, Cleveland, Ohio

BOARD CERTIFICATIONS

1980: Diplomate, National Board of Medical Examiners

1985: Diplomate, American Board of Pediatrics

1990; 1997, 2004: Pediatric Gastroenterology

Research Interests

Pediatric Gastroenterology

Publications

Selected Recent Publications

Gold BD, Colletti RB, Abbott M, **Czinn SJ**, Elitsur Y, Hassall E, MacArthur C, Snyder J, Sherman PM, Helicobacter pylori infection in children: recommendations for diagnosis and treatment. *J Pediatr Gastroenterol Nutri* 31(5):490-7, 2000.

Blanchard TG, **Czinn SJ**. Immunology of Helicobacter pylori and prospects for vaccine. *Gastroenterol Clin North Am* 29(3):671-85, 2000.

Chelimsky G, **Czinn SJ**. Helicobacter pylori infection in children: Update. *Curr Opinion Pediatri* 12(5):460-2, 2000.

Kersulyte D, Mukhopadhyay AK, Velapatino B, Su WW, Pan ZJ, Garcia C, Hernandez V, Valdez Y, Mistry RS, Gilman RH, Yuan Y, Gao H, Alarcon T, Lopez-Brea M, Nair GB, Chowdhury A, Datta S, Shirai M, Nakazawa T, Ally R, Segal I, Wong BCY, Lam SK, Olfat FO, Boren T, Engstrand L, Torres O, Schneider R, Thomas JE, **Czinn**

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Gold BD, Van Doorn LJ, Guarner J, Owens M, Pierce-Smith D, Song Q, Hutwagner L, Sherman PM, De Mola, OL, **Czinn SJ**. Genotypic, Clinical and demographic characteristics of children infected with Helicobacter pylor. *J. Clin Microbiol* 39(4):1348-52, 2001.

Gottwein J, Blanchard TG, Targoni OA, Eisenberg JGC, Trezza R, Redline RV, Nedrud JG, Lehmann PV, **Czinn SJ**: Type 2 Protective Anti-Helicobacter Immunity is Induced with Aluminum Hydroxide or Complete Freund's Adjuvant by Systemic Immunization. *J. Infect Dis* 184:308-14, 2001.

McGovern KJ, Blanchard TG, Gutierrez JA, **Czinn SJ**, Krakowka S, Youngman P. Gamma Glutamytransferase is a Helicobacter pylori virulence factor but is not essential for colonization. *Infect Immun* 69:4168-73, 2001.

Blanchard TG, **Czinn SJ**. Helicobacter pylori acquisition and transmission: Where does it all begin? *Gastroenterology* 121:483-5, 2001.

Chelimsky G, **Czinn SJ**. Peptic Ulcer Disease in Children. *Pediatr Rev* 22:349-55, 2001.

Chelimsky G, **Czinn SJ**. Techniques for the Evaluation of Dyspepsia in Children. *J Clin Gastroenterol* 33:11-3, 2001.

Garhart, A., Redline, R., Nedrud, J., **Czinn, S**. Clearance of Helicobacter pylori Infection and Resolution of Postimmunization Gastritis in a Kinetic Study of Prophylactically Immunized Mice. *Infect. & Immunity* 70:3529-3538, 2002.

Nedrud, J., Blanchard S., **Czinn, S**., Helicobacter pylori inflammation and immunity. *Helicobacter* 7:24-29, 2002.

Czinn S, Gold B, Dickinson C, Ramakrishna J, Orenstein S. Research agenda for pediatric gastroenterology, hepatology and nutrition: acid-peptic diseases. Report of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition for the Children's Digestive Health and Nutrition Foundation. *J. Pediatr Gastroenterol Nutri* 35 Suppl 3:S250-3, 2002.

Sherman P, **Czinn S**, Drumm B, Gottrand F, Kawakami E, Madrazo A, Oderda G, Seo J, Sullivan P, Toyoda S, Weaver L, WU T, Helicobacter pylori infection in children and adolescents: working group report of the first world congress of pediatric gastroenterology, hepatology, and nutrition. *J. Pediatr Gastroenterol Nutr* 35 Suppl 2:S128-133, 2002.

Chelimsky G, Blanchard, S, Sivit C, Davis I, **Czinn S**. Pneumatosis Intestinalis and Diarrhea in a child following renal transplantation. *Pediatr Transplant* 7(3):236-9, 2003.

Guarner J, Bartlett J, Whistler T, Pierce-Smith D, Owens M, Kreh R, **Czinn S**, Gold B. Can pre-neoplastic lesions be detected in gastric biopsies of children with Helicobacter pylori Infection? *J Pediatr Gastroenterol Nutr* 37(3):309-14, 2003.

Orenstein S, Shalaby T, Devandry S, Liacouras C, **Czinn S**, Dice J, Simon T, Ahrens S, Stauffer L. Famotidine for infant gastro-esophageal reflux: a mutli-centre, randomized, placebo-controlled, withdrawal trail. *Aliment Pharmacol Ther* 17(9):1097-107, 2003.

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Garhart C.A., Nedrud J.G., Heinzel F.P., Sigmund N.E., **Czinn SJ.** Vaccine-induced protection against Helicobacter pylori in mice lacking both antibodies and interleukin-4. *Infect Immun.* 71:3628-33, 2003.

Eisenberg J.C., **Czinn SJ.**, Garhart C.A., Redline R.W., Bartholomae W.C., Gottwein J.M., Nedrud J.G., Emancipator S.E., Boehm B.B., Lehmann P.V., Blanchard T.G. Protective efficacy of anti-Helicobacter pylori immunity following systemic immunization of neonatal mice. *Infect Immun.* 71:1820-7, 2003.

Duck WM, Sobel J, Pruckler JM, Song OS, Swerdlow D, Friedman C, Sulka A, Swaminathan B, Taylor T, Hoekstra M, Griffin P, Smoot D, Peek R, Metz DC, Bloom PB, Goldschmid S, Parsonnet J, Triadafilopoulos G, Perez-Perez GI, Vakil N, Ernst P, **Czinn S**, Dunne D, Gold BD: Antimicrobial resistance incidence and risk factors among Helicobacter pylori-infected persons. *Emerging Infectious Diseases* 10 (6): 1088-1094, 2004.

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Drakes M, Blanchard T, **Czinn S**: Bacterial probiotic modulation of dendritic cells. *Infection and Immunity* 72 (6): 3299-3309, 2004.

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Arora S, **Czinn SJ**: Vaccination as a method of preventing Helicobacter pylori-associated gastric cancer. *Cancer Epidemiology Biomarkers & Prevention* 14 (8):1890-1891, 2005.

Matsumoto Y, Blanchard TG, Drakes ML, Basu M, Redline RW, Levine AD, **Czinn SJ**: Eradication of Helicobacter pylori and resolution of gastritis in the gastric mucosa of IL-10-deficient mice. *Helicobacter* 10 (5):407-415, 2005.

Drakes ML, Blanchard TG, **Czinn SJ**: Colon lamina propria dendritic cells induce a proinflammatory cytokine response in lamina propria T cells in the SCID mouse model of colitis. *J Leukoc Biol* 78:1291-1300, 2005

Invited Reviews/Chapters/Proceedings

Czinn SJ, Robinson J, Lamm ME: Chemotaxis as a mechanism for recruitment of mucosal plasma cell precursors. In: Mestecky J, McGhee JR, Bienenstock J, Ogra PL, eds., *Recent Advances in Mucosal Immunology* 216A:305-311, 1987.

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Vanderhoof JA, Drumm B, **Czinn SJ**: Peptic ulcer, gastritis and Campylobacter pylori. AAP Pediatric Update 10:5, 1989.

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Ernst PB, Reyes VE, Nedrud JG, **Czinn SJ**. In: Mucosal immunity to H. pylori: Implications for vaccine development. Kiyono H, Ogra PL, McGhee JR, eds. Mucosal Vaccines San Diego: Academic Press, pp. 255-267, 1996.

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Kugathasan S, **Czinn SJ**. Helicobacter pylori and gastrointestinal disorders in children. In: Recent advances in pediatrics. David TJ ed. Edinburgh: Churchill Livinstone, 16; 91-104, 1997.

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Nudrud JG, **Czinn SJ**, Blanchard TG. H. pylori vaccines. In: Lee A, Kolesnikow T, Eds. *Helicobacter pylori-A global pathogen*: Bailliere, 1998

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